METABO CORDLESS, THE START OF SOMETHING NEW.

Metabo leads the field in cordless devices. Our innovative charging technology makes them more independent and flexible. The completely innovative ergonomics of the BSZ series ensures safer and more relaxed use. The compatibility of the battery packs ensures economically efficient use. With LI Power – the lithium-ion technology by Metabo – a new battery technology era has begun. Li Power batteries are up to 40% lighter and yet still provide up to 40% more power than previous battery packs. Along with the Metabo AIR COOLED charging technology, Metabo is once again one step ahead when it comes to battery technology. **Metabo. Work. Don't play.**

NEW

Li Power battery packs
are up to 40% lighter and still provide up to 40% more power than previous battery packs.

TRUE PROS GET EVERYWHERE.

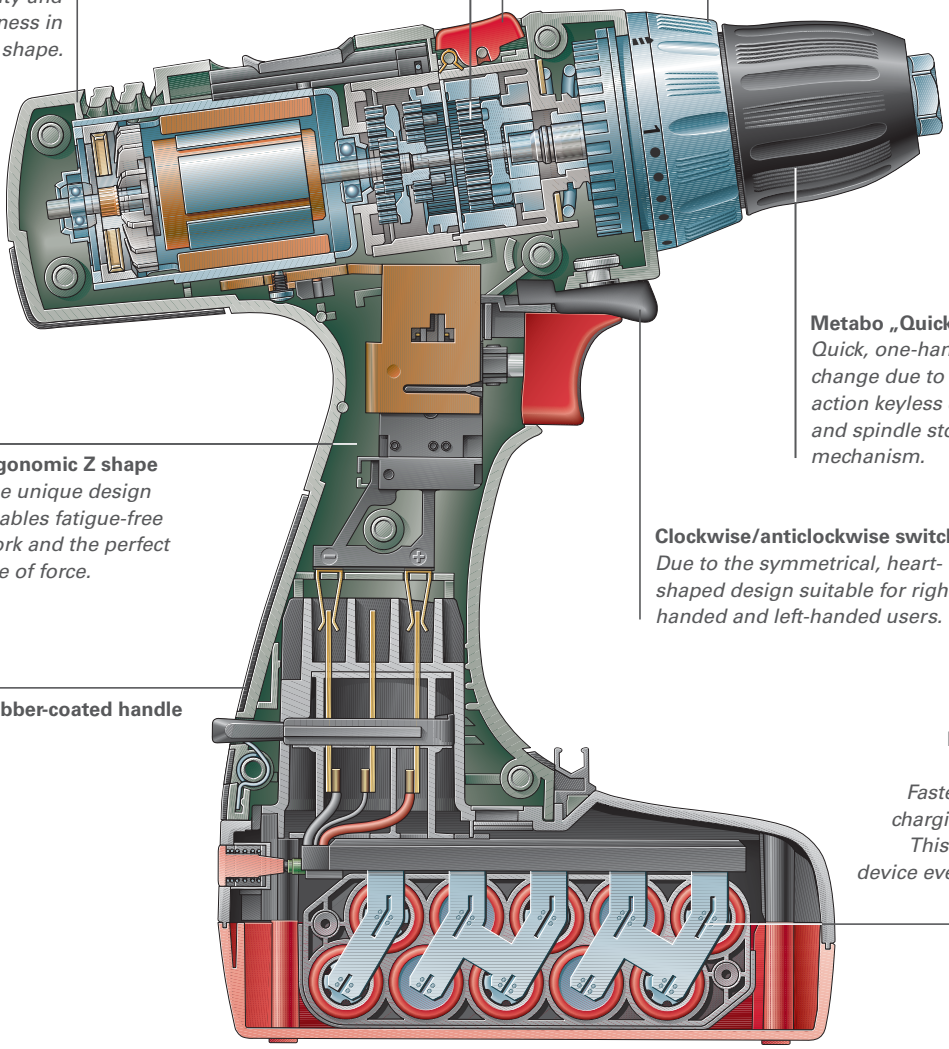
For professional users, mobility is essential. They still want to screw, drill, cut and saw even without electrical power supply. They need power, for as long as possible. Therefore, besides the torque and speed criteria, the battery capacity and the charging system also play an important role.

Three-level planetary metal gears
Extends the service life of the machine by an enormous degree.

Metabo "Impulse"
For the simple removal of tight-fitting screws.

Die cast aluminium housing
(only Plus class machines) Increases the service life of the machine. The machine is more robust and dissipates heat faster.

Robust housing made of fibre glass-reinforced polyamide
Durability and robustness in good shape.



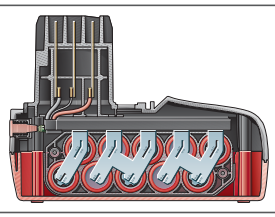
Metabo „Quick"
Quick, one-hand tool change due to quick-action keyless chuck and spindle stop gear mechanism.

Ergonomic Z shape
The unique design enables fatigue-free work and the perfect use of force.

Clockwise/anticlockwise switch
Due to the symmetrical, heart-shaped design suitable for right-handed and left-handed users.

Rubber-coated handle

Metabo AIR-COOLED technology
Faster charging and more charging cycles per battery. This makes your cordless device even more independent of the power supply.



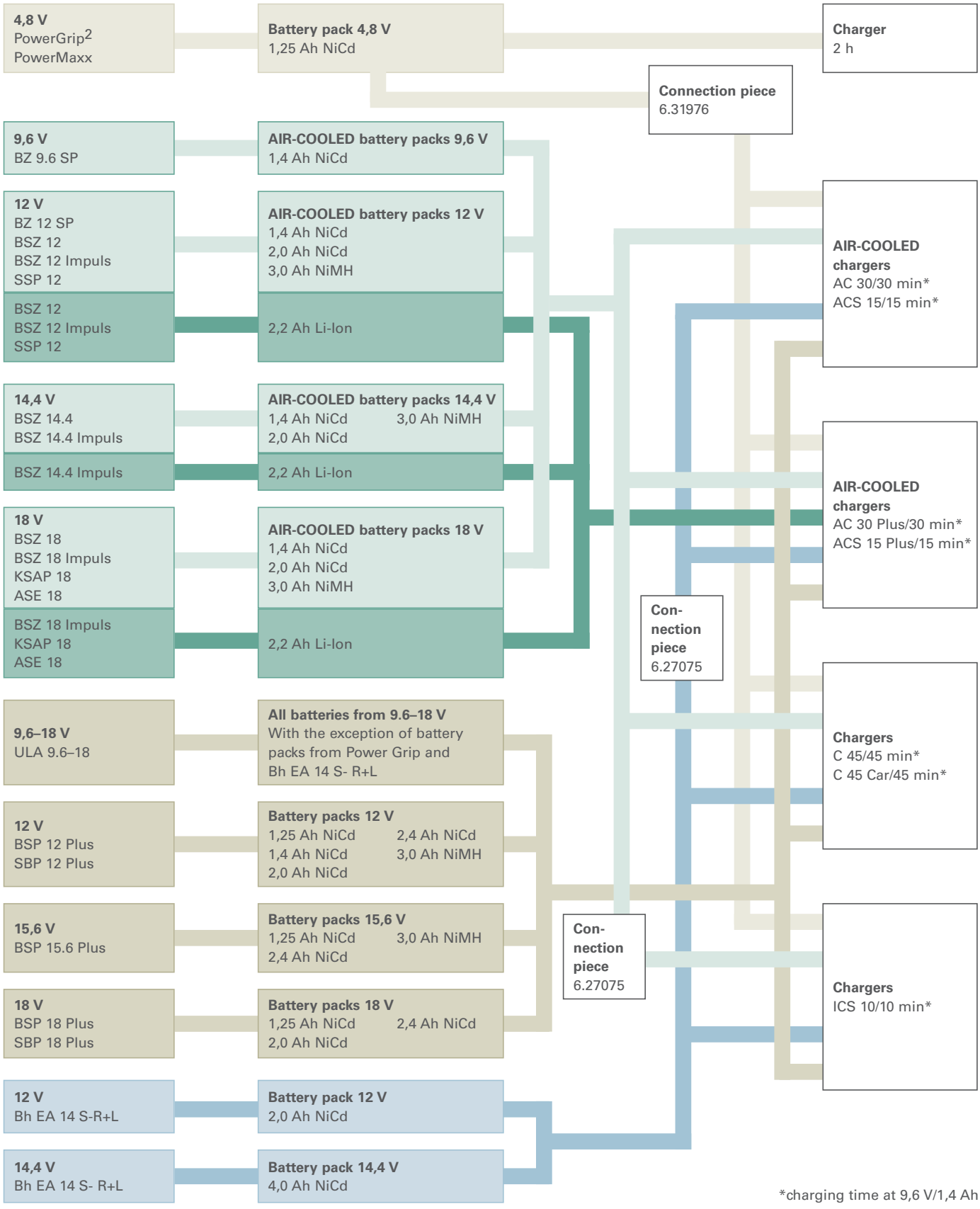
Metabo "Impulse" technology
Tight-fitting screws or damaged screw heads can be easily removed using this "start-up aid".

Lithium-ion technology
More power at considerably less weight: that's what Li Power is about.

System flexibility
Battery packs that always fit. Regardless of the charger you use.

THE METABO RANGE OF BATTERIES WITH HIGH SYSTEM FLEXIBILITY.

For charging your battery packs, you can choose between the universal quick chargers C 45, the pulse computer quick charger ICS 10 and the air-cooled chargers AC 30, AC 30 Plus, ACS 15 and ACS 15 Plus. You can even charge battery packs of the first generation with our latest chargers and thus enjoy shorter charging times. When the charging process is finished, the charger automatically switches to trickle charging. The battery pack can therefore remain in the charger, is not overcharged and is always fully ready for use.



*charging time at 9,6 V/1,4 Ah

EQUIPMENT FEATURES

- Lightweight for fatigue-free work
- Ergonomically perfect design for any application
- Variospeed (V) electronics
- 21-way adjustable torque
- Magnetic bit holder
- Clockwise and anticlockwise rotation
- Spindle stop
- Exact concentricity of spindle through optimum bearing
- Sturdy die cast gear housing
- With one charged battery pack, one can drive over 400 screws (3.0 mm x 20 mm).
- Charger (charging time approx. 2 hours)

EQUIPMENT FEATURES

- Two Speed gear box
- Variospeed (V) electronics
- 20-level adjustable torque, plus drilling level
- Clockwise and anticlockwise rotation
- Quick stop
- Spindle with hexagon recess for screwdriver bits
- Pistol grip for optimum power transmission in direction of drilling
- Fatigue-free operation due to perfect ergonomy
- Sturdy die cast gear housing
- Easy and quick change of battery pack
- Charger (charging time approx. 2 hours)

PowerGrip²
NEW

PowerMaxx
NEW

	4,8 Volt Cordless Screwdriver PowerGrip²
Comparative device characteristics	
Battery pack voltage	4,8 V
Capacity of battery pack	1,25 Ah
Maximum torque, soft	3,5 Nm
Maximum torque, hard	5 Nm
No-load speed	0 - 230 /min
Adjustable torque	0,3 - 2,8 Nm
Weight (including battery packs)	0,6 kg
Type	**PowerGrip²**
Order no. and machine equipment (chargers, capacity of the battery packs) see current price list	

	4,8 Volt Cordless Drill / Screwdriver PowerMaxx
Comparative device characteristics	
Battery pack voltage	4,8 V
Capacity of battery pack	1,25 Ah
Maximum torque, soft	5 Nm
Maximum torque, hard	9 Nm
Drilling diameter in	
- Steel	3 mm
- Wood	6,5 mm
No-load speeds	0 - 200/0 - 600 /min
Weight (including battery pack)	0,66 kg
Type	**PowerMaxx**
Order no. and machine equipment (chargers, capacity of the battery packs) see current price list	

ACCESSORIES FOR CORDLESS SCREWDRIVER POWERGRIP² AND CORDLESS DRILL / SCREWDRIVER POWERMAXX

		Order no.
	Battery charger 2 h, 4,8 V, EU Mains voltage: 230 - 240 V Mains frequency: 50 - 60 Hz	6.27270
	Battery pack 4.8 V, 1.25 Ah, NiCd	6.31858
	Quick-action keyless chuck Futuro Plus H1 M Clamping width: 0,8 - 6,5 mm	6.36623

		Order no.
	Adapter for using the 4.8 Volt battery pack in the current Metabo chargers	6.31976
	Screw-type angle attachment for PowerMaxx for fixing screws more easily at locations difficult to reach specially for PowerMaxx ■ magnetic bit holder with 1/4" (6.35mm) hexagonal shank ■ gears made of special steel ■ suitable for clockwise and anticlockwise rotation	6.30650

EQUIPMENT FEATURES

- Variospeed (V) electronics
- 20-level adjustable torque, plus drilling level
- Clockwise and anticlockwise rotation
- Quick stop
- Quick-action keyless chuck and spindle stop gear for convenient one-hand tool change: Metabo "Quick"
- T-handle for optimum centre of gravity
- Fatigue-free operation due to perfect ergonomy
- 3-level planetary gears
- Gentle gear change
- Built-in collector fan to prevent overheating
- Bit case for two bits
- Maximum system flexibility through free combination of chargers and battery packs (within a volt class)
- Easy and quick change of battery pack

BZ 9.6 SP
NEW

BZ 12 SP
NEW

	9,6 Volt Cordless Drill / Screwdriver BZ 9.6 SP	12 Volt Cordless Drill / Screwdriver BZ 12 SP
Special advantages		
■ With the "AIR COOLED" quick charger AC 30, charging time approx. 30 minutes (at 1.4 Ah)	•	•
Comparative device characteristics		
Battery pack voltage	9,6 V	12 V
Maximum torque, soft	14 Nm	18 Nm
Maximum torque, hard	30 Nm	35 Nm
Drilling diameter in		
- Steel	10 mm/5 mm	10 mm/5 mm
- Wood	20 mm/16 mm	20 mm/16 mm
No-load speeds	0 - 350/0 - 1.400 /min	0 - 400/0 - 1.450 /min
Drilling spindle thread	1/2" -20 UNF	1/2" -20 UNF
Chuck capacity	1 - 10 mm	1 - 10 mm
Weight (including battery pack)	1,6 kg	1,7 kg
Type	**BZ 9.6 SP** (GB)	**BZ 12 SP**
Order no. and machine equipment (chargers, capacity of the battery packs) see current price list		

EQUIPMENT FEATURES

- Variospeed (V) electronics
- 20-level adjustable torque, plus drilling level
- Clockwise and anticlockwise rotation
- Quick stop
- Quick-action keyless chuck and spindle stop gear for convenient one-hand tool change: Metabo "Quick"
- T-handle for optimum centre of gravity
- Fatigue-free operation due to perfect ergonomy
- Rubber-coated handle
- 3-level planetary metal gears
- Gentle gear change
- Built-in collector fan to prevent overheating
- Bit case for two bits
- Maximum system flexibility through free combination of chargers and battery packs (within a volt class)
- Easy and quick change of battery pack
- "AIR COOLED" battery packs can be charged up to 2000 times (with ACS 15: 3000-times) due to gentle charging process

BSZ 12

BSZ 14.4

BSZ 18

	12 Volt Cordless Drill / Screwdriver BSZ 12	14,4 Volt Cordless Drill / Screwdriver BSZ 14.4	18 Volt Cordless Drill / Screwdriver BSZ 18
Special advantages			
■ With the "AIR COOLED" quick charger AC 30, charging time approx. 30 minutes (at 1.4 Ah)	•	•	•
Comparative device characteristics			
Battery pack voltage	12 V	14,4 V	18 V
Maximum torque, soft	22 Nm	24 Nm	28 Nm
Maximum torque, hard	52 Nm	55 Nm	62 Nm
Drilling diameter in			
- Steel	10 mm/5 mm	12 mm/5 mm	12 mm/6 mm
- Wood	25 mm/20 mm	30 mm/22 mm	30 mm/22 mm
No-load speeds	0 - 400/0 - 1.350 /min	0 - 400/0 - 1.400 /min	0 - 450/0 - 1.450 /min
Drilling spindle thread	1/2" -20 UNF	1/2" -20 UNF	1/2" -20 UNF
Chuck capacity	1,5 - 13 mm	1,5 - 13 mm	1,5 - 13 mm
Weight (including battery pack)	2 kg	2,1 kg	2,2 kg
Type	**BSZ 12**	**BSZ 14.4**	**BSZ 18**
Order no. and machine equipment (chargers, capacity of the battery packs) see current price list			

EQUIPMENT FEATURES

- Selectable impulse mode
- Variospeed (V) electronics
- 20-level adjustable torque, plus drilling level
- Clockwise and anticlockwise rotation
- Quick stop
- Quick-action keyless chuck and spindle stop gear for convenient one-hand tool change: Metabo "Quick"
- T-handle for optimum centre of gravity
- Fatigue-free operation due to perfect ergonomy
- Rubber-coated handle
- 3-level planetary metal gears
- Gentle gear change
- Built-in collector fan to prevent overheating
- Bit case for two bits
- Maximum system flexibility through free combination of chargers and battery packs (within a volt class)
- Easy and quick change of battery pack
- "AIR COOLED" battery packs can be charged up to 2000 times (with ACS 15: 3000-times) due to gentle charging process

BSZ 12 Impuls

BSZ 14.4 Impuls

BSZ 18 Impuls

	12 Volt Cordless Drill / Screwdriver BSZ 12 Impuls	14,4 Volt Cordless Drill / Screwdriver BSZ 14.4 Impuls	18 Volt Cordless Drill / Screwdriver BSZ 18 Impuls
Special advantages			
■ With the "AIR COOLED" quick charger AC 30, charging time approx. 30 minutes (at 1.4 Ah)	•	•	•
Comparative device characteristics			
Battery pack voltage	12 V	14,4 V	18 V
Maximum torque, soft	22 Nm	24 Nm	28 Nm
Pulse torque	26 Nm	28 Nm	32 Nm
Maximum torque, hard	52 Nm	55 Nm	62 Nm
Drilling diameter in			
- Steel	10 mm/5 mm	12 mm/5 mm	12 mm/6 mm
- Wood	25 mm/20 mm	30 mm/22 mm	30 mm/22 mm
No-load speeds	0 - 400/0 - 1.350 /min	0 - 400/0 - 1.400 /min	0 - 450/0 - 1.450 /min
Drilling spindle thread	1/2" -20 UNF	1/2" -20 UNF	1/2" -20 UNF
Chuck capacity	1,5 - 13 mm	1,5 - 13 mm	1,5 - 13 mm
Weight (including battery pack)	2 kg	2,1 kg	2,2 kg
Type	**BSZ 12 Impuls**	**BSZ 14.4 Impuls**	**BSZ 18 Impuls**
Order no. and machine equipment (chargers, capacity of the battery packs) see current price list			

EQUIPMENT FEATURES

- Selectable impulse mode
- Variospeed (V) electronics
- 20-level adjustable torque, plus drilling level
- Clockwise and anticlockwise rotation
- Quick stop
- Quick-action keyless chuck and spindle stop gear for convenient one-hand tool change: Metabo "Quick"
- T-handle for optimum centre of gravity
- Fatigue-free operation due to perfect ergonomy
- Rubber-coated handle
- 3-level planetary metal gears
- Gentle gear change
- Built-in collector fan to prevent overheating
- Bit case for two bits
- Maximum system flexibility through free combination of chargers and battery packs (within a volt class)
- Easy and quick change of battery pack
- Li-Ion battery packs for up to 40% more power with up to 40% less weight. No memory effect

... 40% more output, yet 40% less weight

BSZ 12
NEW

BSZ 12 Impuls
NEW

BSZ 14.4 Impuls
NEW

BSZ 18 Impuls
NEW

	12 Volt Cordless Drill / Screwdriver BSZ 12	12 Volt Cordless Drill / Screwdriver BSZ 12 Impuls	14,4 Volt Cordless Drill / Screwdriver BSZ 14.4 Impuls	18 Volt Cordless Drill / Screwdriver BSZ 18 Impuls
Special advantages				
■ Selectable impulse mode		•	•	•
Comparative device characteristics				
Battery pack voltage	12 V[1)]	12 V[1)]	14,4 V[2)]	18 V[3)]
Capacity of battery pack	2,2 Ah	2,2 Ah	2,2 Ah	2,2 Ah
Maximum torque, soft	22 Nm	22 Nm	24 Nm	28 Nm
Pulse torque		26 Nm	28 Nm	32 Nm
Maximum torque, hard	52 Nm	52 Nm	55 Nm	62 Nm
Drilling diameter in				
- Steel	10 mm/5 mm	10 mm/5 mm	12 mm/5 mm	12 mm/6 mm
- Wood	25 mm/20 mm	25 mm/20 mm	30 mm/22 mm	30 mm/22 mm
No-load speeds	0 - 400/0 - 1.350 /min	0 - 400/0 - 1.350 /min	0 - 400/0 - 1.400 /min	0 - 450/0 - 1.450 /min
Drilling spindle thread	1/2" -20 UNF	1/2" -20 UNF	1/2" -20 UNF	1/2" -20 UNF
Chuck capacity	1,5 - 13 mm	1,5 - 13 mm	1,5 - 13 mm	1,5 - 13 mm
Weight (including battery pack)	1,7 kg	1,7 kg	1,8 kg	1,9 kg
Type	**BSZ 12** (GB)	**BSZ 12 Impuls**	**BSZ 14.4 Impuls**	**BSZ 18 Impuls**
Order no. and machine equipment (chargers, capacity of the battery packs) see current price list				**6.2166**

[1)] at maximum voltage, nominal voltage 10,8 Volts

[2)] at nominal voltage, maximum voltage 16 Volts

[3)] at nominal voltage, maximum voltage 20 Volts

EQUIPMENT FEATURES

- Selectable impulse mode
- Variospeed (V) electronics
- High speed for ideal cutting speed
- 20-level adjustable torque, plus drilling level
- Clockwise and anticlockwise rotation
- Quick stop
- Quick-action keyless chuck and spindle stop gear for convenient one-hand tool change: Metabo "Quick"
- T-handle for optimum centre of gravity
- Fatigue-free operation due to perfect ergonomy
- Rubber-coated handle
- Additional handle
- 3-level planetary gears
- Die cast aluminum gear housing
- Gentle gear change
- Built-in collector fan to prevent overheating
- Bit case for two bits
- Maximum system flexibility through free combination of chargers and battery packs (within a volt class)
- Easy and quick change of battery pack

BSP 12 Plus

BSP 15.6 Plus

BSP 18 Plus

	12 Volt Cordless Drill / Screwdriver BSP 12 Plus	15,6 Volt Cordless Drill / Screwdriver BSP 15.6 Plus	18 Volt Cordless Drill / Screwdriver BSP 18 Plus
Comparative device characteristics			
Battery pack voltage	12 V	15,6 V	18 V
Maximum torque, soft	20 Nm	26 Nm	30 Nm
Pulse torque	22 Nm	28 Nm	32 Nm
Maximum torque, hard	55 Nm	60 Nm	65 Nm
Drilling diameter in			
- Steel	13 mm/8 mm	13 mm/8 mm	13 mm/8 mm
- Wood	40 mm/20 mm	45 mm/25 mm	50 mm/25 mm
No-load speeds	0 - 400/0 - 1.400 /min	0 - 400/0 - 1.400 /min	0 - 400/0 - 1.400 /min
Drilling spindle thread	1/2" -20 UNF	1/2" -20 UNF	1/2" -20 UNF
Chuck capacity	1,5 - 13 mm	1,5 - 13 mm	1,5 - 13 mm
Weight (including battery pack)	2,5 kg	2,6 kg	2,8 kg
Standard equipment	Quick-action keyless chuck Futuro Plus, additional handle, carry case	Quick-action keyless chuck Futuro Plus, additional handle, carry case	Quick-action keyless chuck Futuro Plus, additional handle, carry case
Type	**BSP 12 Plus**	**BSP 15.6 Plus**	**BSP 18 Plus**
Order no. and machine equipment (chargers, capacity of the battery packs) see current price list			

EQUIPMENT FEATURES

- Selectable impulse mode
- Variospeed (V) electronics
- High speed for ideal cutting speed
- 5-level adjustable torque, plus drilling level, plus impact drilling level
- Clockwise and anticlockwise rotation
- Qquick stop
- Quick-action keyless chuck and spindle stop gear for convenient one-hand tool change: Metabo "Quick"
- Spindle with hexagon recess for screwdriver bits
- T-handle for optimum centre of gravity
- Fatigue-free operation due to perfect ergonomy
- Rubber-coated handle
- Additional handle
- 3-level planetary metal gears
- Die cast aluminum gear housing
- Gentle gear change
- Built-in collector fan to prevent overheating
- Bit case for two bits
- Maximum system flexibility through free combination of chargers and battery packs (within a volt class)
- Easy and quick change of battery pack

SBP 12 Plus | SBP 18 Plus

	12 Volt Cordless Impact Drill SBP 12 Plus	18 Volt Cordless Impact Drill SBP 18 Plus	
Comparative device characteristics			
Battery pack voltage	12 V	18 V	
Maximum torque, soft	20 Nm	30 Nm	
Pulse torque	22 Nm	32 Nm	
Maximum torque, hard	55 Nm	65 Nm	
Drilling diameter in			
- Concrete	14 mm	16 mm	
- Steel	13 mm/8 mm	13 mm/8 mm	
- Wood	40 mm/20 mm	50 mm/25 mm	
No-load speed	0 - 400/0 - 1.400 /min	0 - 400/0 - 1.400 /min	
Maximum impact rate	20.800 /min	22.400 /min	
Drilling spindle thread	1/2" -20 UNF	1/2" -20 UNF	
Chuck capacity	1,5 - 13 mm	1,5 - 13 mm	
Weight (including battery pack)	2,8 kg	3 kg	
Standard equipment	Quick-action keyless chuck Futuro Plus, additional handle, carry case	Quick-action keyless chuck Futuro Plus, additional handle, carry case	
Type	**SBP 12 Plus**	**SBP 18 Plus**	
Order no. and machine equipment (chargers, capacity of the battery packs) see current price list			

EQUIPMENT FEATURES

- Compact cordless impact screwdriver for tough applications
- High torque machine with low Kick-Back torque
- T-handle for optimum centre of gravity
- Rubber-coated handle
- Variospeed (V) electronics
- Ergonomic fwd/rev switch for comfortable, hassle free operation
- Die cast aluminum gear housing
- Bit case
- Maximum system flexibility through free combination of chargers and battery packs (within a volt class)
- Easy and quick change of battery pack

Li Power AIR-COOLED

... 40% more output, yet 40% less weight

SSP 12

SSP 12
NEW

	12 Volt Cordless Impact Screwdriver SSP 12	12 Volt Cordless Impact Screwdriver SSP 12
Special advantages		
■ "AIR COOLED" battery packs can be charged up to 2000 times (with ACS 15: 3000-times) due to gentle charging process	•	
■ Li-Ion battery packs for up to 40% more power with up to 40% less weight. No memory effect!		•
Comparative device characteristics		
Battery voltage	12 V	12 V[1)]
No-load speed	0 - 2.500 /min	0 - 2.500 /min
Maximum impact rate	3.000 /min	3.000 /min
Max. tightening torque	100 Nm	100 Nm
Bit retainer	Hexagon socket recess 1/4" (6.35 mm)	Hexagon socket recess 1/4" (6.35 mm)
Weight	1,7 kg	1,6 kg
Type	**SSP 12**	**SSP 12**
Order no. and machine equipment (chargers, capacity of the battery packs) see current price list		

[1)] at maximum voltage, nominal voltage 10,8 Volts

Screwdriver bits with 1/4" (6.35 mm) -hexagon

	Overall length mm	Packing unit	Order no.
Phillips			
Size 1	70	2	6.25420
Size 2	70	2	6.25421
Size 3	70	2	6.25422
Pozidriv			
Size 1	70	2	6.25423
Size 2	70	2	6.25424
Size 3	70	2	6.25425
for screws with internal torx			
Torx size TX 8	70	2	6.25426
Torx size TX 10	70	2	6.25427
Torx size TX 15	70	2	6.25428
Torx size TX 20	70	2	6.25429
Torx size TX 25	70	2	6.25430
Torx size TX 27	70	2	6.25431
Torx size TX 30	70	2	6.25432
Torx size TX 40	70	2	6.25433

Screwdriver bit assortments

		Order no.
	Bit box no.1 (10-piece) Small plastic case comprising of: Phillips bits, sizes 1, 2 ,3 (1 each size) Pozidriv bits, sizes 1, 2 3 (1 each size) bits for slotted screws 0.8x5.5 mm, 1.0x5.5 mm and 1.2x6.5 mm (1 each) magnetic bit holder with quick-action coupling	6.25390
	Bit box no.2 (10-piece) Small plastic case comprising of: Pozidriv bits sizes 1, 2 3 (torsion bits, 1 each size) Torx bits sizes TX 10, 15, 20, 25, 30 and 40 (1 each) magnetic bit holder with quick-action coupling	6.25391
	Bit box no.3 (10-piece) Small plastic case comprising of: Torx bits 8, 9, 10, 15, 20, 25, 27, 30 and 40 (1 each) magnetic bit holder with quick-action coupling	6.25392
	Bit box no.4 "diamond" (7-piece) Small plastic case comprising of: Pozidriv bits, 2x size1, 3x size2, 1x size3 (diamond) magnetic bit holder with quick-action coupling	6.25393

Screw-type angle attachment

		Order no.
	Screw-type angle attachment 14 Nm with bit assortment	6.30440
	Screw-type angle attachment 14 Nm with handle	6.30444

You can find more accessories for the cordless screwdrivers on pages 89–91.

EQUIPMENT FEATURES

- Suitable for bits and accessories with SDS Plus shank bit
- With the appropriate accessories, it is also suitable for bits and accessories with straight shafts (no impact)
- Pneumatic high-performance hammer mechanism
- Hammer stop
- The handy lightweight from the 18 volt class
- Favourable centre of gravity position
- Sheathed die cast aluminium gear housing
- Variospeed (V) electronics
- Clockwise and anticlockwise rotation
- Metabo S-automatic torque limiting clutch
- Additional VibraTech handle for vibration damping
- Carrying belt
- Maximum system flexibility through free combination of chargers and battery packs (within a volt class)
- Easy and quick change of battery pack
- "AIR COOLED" battery packs can be charged up to 2000 times (with ACS 15: 3000-times) due to gentle charging process

Li Power AIR-COOLED

... 40% more output, yet 40% less weight

BHA 18
NEW

BHA 18
NEW

	18 Volt Cordless Hammer Drill BHA 18	18 Volt Cordless Hammer Drill BHA 18
Special advantages		
■ Li-Ion battery packs for up to 40% more power with up to 40% less weight. No memory effect!		•
■ With " the AIR COOLED" quick charger AC 30, charging time approx. 30 minutes (at 1.4 Ah)	•	
■ With "AIR COOLED" quick charger AC 30 Plus for charging NiCd, NiMH and Li-Ion battery packs; charging time approx. 30 minutes (at 1.4 Ah)		•
Comparative device characteristics		
Battery pack voltage	18 V	18 V[3)]
Capacity of battery pack	2 Ah	2,2 Ah
Drilling diameter in		
- Concrete	18 mm	18 mm
- Steel	10 mm	10 mm
- Softwood	22 mm	22 mm
No-load speed	0 - 1.100 /min	0 - 1.100 /min
Maximum impact rate	4.900 /min	4.900 /min
Single-blow energy	0 - 1,6 J	0 - 1,6 J
Bit retainer	SDS Plus	SDS Plus
Weight (including battery pack)	3,2 kg	2,9 kg
Standard equipment	2 NiCd battery packs (18 V/2.0 Ah), additional handle, carrying belt, "AIR COOLED" quick charger AC 30, carry case	additional handle, 2 Li-Ion battery packs (18 V/2.2 Ah), carrying belt, "AIR COOLED" quick charger AC 30 Plus, carry case
		[3)] at nominal voltage, maximum voltage 20 Volts
Type	**BHA 18**	**BHA 18**
Order no.	**6.00218** GB	**6.00219**

Carbide hammer drill with SDS-Plus shank end, "pro 4", 2 cutters

Diameter mm	Working length mm	Overall length mm	Packing unit	Order no.
5	50	110	1	6.31820
5	100	160	1	6.31821
5,5	50	110	1	6.31822
5,5	100	160	1	6.31823
6	50	110	1	6.31824
6	100	160	1	6.31825
6	150	210	1	6.31826
6,5	50	110	1	6.31827
6,5	100	160	1	6.31828
7	50	110	1	6.31829
7	100	160	1	6.31830
7	150	210	1	6.31831
8	50	110	1	6.31832
8	100	160	1	6.31833
8	150	210	1	6.31834
8	200	260	1	6.31835
9	150	210	1	6.31836
10	50	110	1	6.31837
10	100	160	1	6.31838
10	150	210	1	6.31839
10	200	260	1	6.31840
10	250	310	1	6.31841
11	100	160	1	6.31842
11	200	260	1	6.31843
12	100	160	1	6.31844
12	150	210	1	6.31845
12	200	260	1	6.31846
13	100	160	1	6.31847
13	200	260	1	6.31848
14	100	160	1	6.31849
14	150	210	1	6.31850
14	200	260	1	6.31851
15	200	260	1	6.31853
16	100	160	1	6.31854
16	150	210	1	6.31855

HM-equipped hammer drill bit with SDS-Plus shank end, 2 blades

Diameter mm	Working length mm	Overall length mm	Packing unit	Order no.
18	150	200	1	6.30533
18	250	300	1	6.31806
18	400	450	1	6.30589
18	550	600	1	6.31807
18	950	1.000	1	6.31808

Chisel with SDS-Plus shank end

Chisel shape	Overall length mm	Cutting width	Packing unit	Order no.
Pointed chisels, round tip	250		1	6.30992

Other accessories

		Order no.
	Connection piece Holder: SDS-plus, 1/2" -20 UNF	6.31285
	Geared chuck Clamping width: 1,5 - 13 mm Female thread: 1/2" -20 UNF Weight: 0,31 kg Key size: 2	6.35035

EQUIPMENT FEATURES

- Compact and handy for versatile use
- Comfortable handling through its ergonomic shape
- Durable halogen bulb
- Focusable light beam for exact lighting
- Lamp head can be tilted and stopped in 6 positions
- Suitable for all current Metabo battery packs of 9.6-18 Volt

ULA 9.6-18
NEW

	Multi-Purpose Cordless Portable Lamp ULA 9.6-18
Comparative device characteristics	
Maximum duration of illumination	9.6 V: 3.5 hours/ 12 V: 4.7 hours/ 15.6 V: 5.7 hours/ 18 V: 6.5 hours
Weight (without battery pack)	0,37 kg
Standard equipment	(Delivered without battery pack and without charger)
Type	**ULA 9.6-18**
Order no.	**6.02511**

EQUIPMENT FEATURES

- To saw wood, plastics, metal pipes and profiles
- Ergonomically designed for bent handle for optimum power transmission
- Sheathed die cast aluminium gear housing
- Large, easy to use trigger button
- Saw blade rotatable by 180°
- Metabo "Quick" saw blade change
- Axially adjustable stopper for limiting cutting length & longer blade life
- Multi-purpose machine that will accept a comprehensive range of saw blades

... 40% more output, yet 40% less weight

ASE 18
NEW

ASE 18
NEW

	18 Volt Cordless Sabre Saw ASE 18	18 Volt Cordless Sabre Saw ASE 18
Special advantages		
■ "AIR COOLED" battery packs can be charged up to 2000 times (with ACS 15: 3000-times) due to gentle charging process	•	
■ Li-Ion battery packs for up to 40% more power with up to 40% less weight. No memory effect!		•
Comparative device characteristics		
Battery pack voltage	18 V	18 V[3)]
Strokes at no load	0 - 2.600 /min	0 - 2.600 /min
Sawing blade stroke	27 mm	27 mm
Weight (including battery pack)	4,1 kg	3,8 kg
Type	**ASE 18**	**ASE 18**
Order no.	**6.00062**	**6.02169**

[3)] at nominal voltage, maximum voltage 20 Volts

EQUIPMENT FEATURES

- Optimum handling through ergonomic design
- Especially high sawing capacity per battery pack
- Carbide-equipped circular saw blades
- Easy sawing blade replacement with spindle stop
- Fully closed guide plate for secure support
- Precisely adjustable and well visible cutting indicator
- Suitable for bevel cuts up to 47°
- Safety lock switch to prevent unintentional start of the machine
- Built-in collector fan to prevent overheating
- Sturdy aluminum die cast saw housing
- Rubber-coated handle
- External dust extraction outlet

... 40% more output, yet 40% less weight

KSAP 18 NEW

KSAP 18 NEW

	18 Volt Cordless Circular Saw KSAP 18	18 Volt Cordless Circular Saw KSAP 18
Special advantages		
■ "AIR COOLED" battery packs can be charged up to 2000 times (with ACS 15: 3000-times) due to gentle charging process	•	
■ Li-Ion battery packs for up to 40% more power with up to 40% less weight. No memory effect!		•
Comparative device characteristics		
Battery pack voltage	18 V	18 V[3)]
Cutting depth adjustable	0 - 53,5 mm	0 - 53,5 mm
Maximum cutting depth at 90°	53,5 mm	53,5 mm
Maximum cutting depth at 45°	42 mm	42 mm
Saw blade diameter	165 mm	165 mm
No-load speed	2.500 /min	2.500 /min
Weight (including battery pack)	4,7 kg	4,3 kg
[3)] at nominal voltage, maximum voltage		
Type	**KSAP 18**	**KSAP 18**
Order no. and machine equipment (chargers, capacity of the battery packs) see current price list		

Circular saw blades

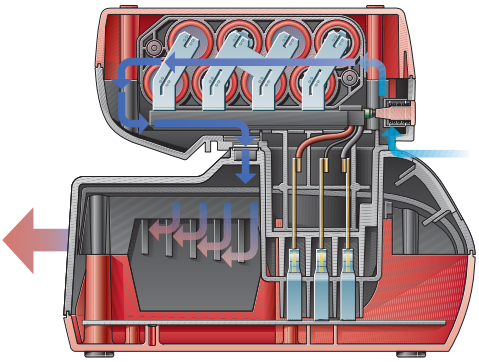
	Diameter	Cutting width	Bore Ø	Number of teeth	Order no.
	HM equipped alternately bevelground tips, rough ■ For wood and wood-like materials ■ For a medium clean cut ■ Standard equipment for Metabo circular saws				
	160	1,6	20	24	6.23065
	HM-equipped alternately bevelground tips, fine ■ For wood and wood-like materials, also suitable for coated boards and plastics ■ Clean cut				
	160	1,6	20	40	6.23066

Accessories

		Order no.
	Precision guide rail ■ Clean-cut edges with no splintering thanks to the guide rail's plastic-extrusion strip edging – even with bevel cuts up to 45° ■ Guide rail made of sturdy, anodised aluminium extrusion ■ Anti-slip backing provides safe and reliable support and protects the workpiece surface against scratches ■ Guide rule, adjustable to eliminate play Overall length: 1.500 mm	6.31250
	Suction hose With connector Ø 58 mm for bayonet fitting and rubber connector (inside Ø 30 mm, outside Ø 35 mm) Connector diameter: 58/35 mm Hose length: 3,5 m Suction hose Ø: 27 mm	6.31938

METABO AIR COOLED CHARGING TECHNOLOGY: THE QUICKEST CHARGERS.

AIR COOLED is a technology that only Metabo has to offer. In combination with Li Power, it forms what is possibly the most effective battery system on the market.



The cooler the battery is while charging the faster it can be used again. Every battery heats up when used, which impedes an immediate, effective recharge. The new, patented AIR COOLED charging technology takes this problem out of the equation, since the battery is cooled down before and during the charging process. The charging process thus becomes around 30% quicker, the batteries last longer and you save yourself the hassle of hanging around waiting for batteries to charge. Another outstanding new feature is the refresh function (only with ACS 15 PLUS). This feature brings the performance impairing unbalanced charge levels of the cells back into line. This 'cell balancing' process should be activated at the end of the charging process once every month on NiCd and NiMH batteries only.

YOU WON'T FIND A BETTER PERCENTAGE ANYWHERE!

Greater efficiency with more power at considerably less weight: That's Metabo Li-Power! A Metabo Li-power lithium battery supplies around 96% efficiency, 16% more than NiCd or NiMH, as a result it can provide approximately 40% more energy the NiCd & NiMH batteries. At the same time it is around 40% lighter. A 18V 2.2Ah Li-ion pack weighs in at approx 700g where as a normal NiMH battery pack comes in at just over 1kg!
This is not all Li-Power has to offer. Thanks to its lower self discharge rate, Li-ion packs can be used immediately at full power even after long period of non use. When you charge the battery, neither the memory nor the lazy battery effect arises. And unlike NiMH batteries, Li-ion batteries work from -20 °C to 50 °C without any problems (just like NiCd).

Circuit boards
of the highest quality and with gold-plated surface.

Electronics
An electronic overcharging and discharging protection mechanism ensures optimum charging and the maximisation of the service life of the battery pack.

Patented multi-function display
All information on one display: capacity querying, temperature monitoring, overload warning and automatic display when a low capacity level is reached.

Corepack
Power tool lithium cells of the highest quality for maximum performance.

Cell connector
Their special design guarantees optimum conductivity and an extremely robust construction. Control and monitoring of every single cell for protection against overcharging, undercharging, total discharge and overstraining.

Battery chargers, charging stations

		Order no.
	Universal quick charger AC 30 ■ for charging all old and new Metabo NiCd and NiMH battery packs of 4.8 V -18 V ■ Monitored charging with microcontroller ■ Cordless diagnosis ■ Charge time approx. 30 minutes at 1.4 Ah ■ Battery packs of the "AIR COOLED" generation (1.4 Ah / 2.0 Ah) chargeable up to 2000 times ■ "AIR COOLED"function	for connecting to 230/240 V, 50-60 Hz (EU) **6.27300** 230/240 V, 50-60 Hz (GB) **6.27303** 230/240 V, 50-60 Hz (AUS/NZ) **6.27305** 110/120 V, 50-60 Hz (USA/CDN) **6.27304**
NEW	**Universal quick charger AC 30 Plus** ■ for charging all old (with adapter 6.27075) and new Metabo NiCd and NiMH battery packs of 4.8 V -18 V, as well as the new Li-Ion battery packs of 7.2 V-18 V ■ Monitored charging with microcontroller ■ Cordless diagnosis ■ Charge time approx. 30 minutes at 1.4 Ah ■ Battery packs of the "AIR COOLED" generation (1.4 Ah / 2.0 Ah) chargeable up to 2000 times by gentle charging process ■ "AIR COOLED" function	for connecting to 230/240 V, 50-60 Hz (EU) **6.27275** 230/240 V, 50-60 Hz (GB) **6.27276** 230/240 V, 50-60 Hz (AUS/NZ) **6.27278** 110/120 V, 50-60 Hz (USA/CDN) **6.27277**
	Super quick charger ACS 15 ■ for charging all old and new Metabo NiCd and NiMH battery packs of 4.8 V -18 V ■ Monitored charging with microcontroller ■ Cordless diagnosis ■ Charge time approx. 15 minutes at 1.4 Ah ■ Battery packs of the "AIR COOLED" generation (1.4 Ah / 2.0 Ah) chargeable up to 3000 times ■ "AIR COOLED" function	for connecting to 230/240 V, 50-60 Hz (EU) **6.27089** 230/240 V, 50-60 Hz (GB) **6.27090** 230/240 V, 50-60 Hz (AUS/NZ) **6.27092** 110/120 V, 50-60 Hz (USA/CDN) **6.27091**
NEW	**Super quick charger ACS 15 Plus** ■ for charging all old and new Metabo NiCd and NiMH battery packs of 4.8 V -18 V, as well as the new Li-Ion battery packs of 7.2 V-18 V ■ Monitored charging with microcontroller ■ Cordless diagnosis ■ Charge time approx. 15 minutes at 1.4 Ah ■ Battery packs of the "AIR COOLED" generation (1.4 Ah / 2.0 Ah) chargeable up to 3000 times by gentle charging process ■ "AIR COOLED" function ■ "Refresh" function for maintenance of batteries for NiCd and NiMH battery packs	for connecting to 230/240 V, 50-60 Hz (EU) **6.27060** 230/240 V, 50-60 Hz (GB) **6.27061** 230/240 V, 50-60 Hz (AUS/NZ) **6.27063** 110/120 V, 50-60 Hz (USA/CDN) **6.27062**
	Universal fast charger C 45 Car ■ for connection to 12V-24V direct current (e.g. the cigarette lighter socket or a standard 12 V or 24 V socket inside the motor vehicle) ■ Charge time approx. 45 minutes at 1.4 Ah ■ Monitored charging with microcontroller ■ Low discharge prevention	6.27074

NiCd (nickel cadmium) battery packs

	Battery pack voltage V	Capacity of battery pack Ah	Order no.
	NiCd (nickel cadmium) battery packs, series 1		
	4,8	1,2	6.31101
	7,2	1,4	6.30069
	9,6	1,4	6.30070
	9,6	1,7	6.30072
	12	1,7	6.30073
	12	2	6.31723
	NiCd (nickel cadmium) battery packs, series 2		
	9,6	1,7	6.30065
	12	2	6.31724
	14,4	1,7	6.30067
	14,4	2	6.31725
	NiCd (nickel cadmium) battery packs, series 3		
	9,6	1,4	6.31746
	9,6	2	6.31728
	12	1,25	6.31737
	12	1,4	6.31747
	12	2	6.31729
	12	2,4	6.31748
	15,6	1,25	6.31738
	15,6	2,4	6.31749
	18	1,25	6.31739
	18	2,4	6.31740
	18	2	6.31857
	NiCd battery packs "AIR COOLED"		
	9,6	1,4	6.25470
	9,6	2	6.25471
	12	1,4	6.25473
	12	2	6.25474
	14,4	1,4	6.25475
	14,4	2	6.25476
	18	1,4	6.25477
	18	2	6.25478

NiMH (nickel-metal hydride) battery packs

	Battery pack voltage V	Capacity of battery pack Ah	Order no.
	NiMH battery packs, series 1		
	9,6	3	6.31775
	12	3	6.31776
	15,6	3	6.31777
	NiMH battery packs "AIR COOLED"		
	12	3	6.25479
	14,4	3	6.25480
	18	3	6.25481

Li-Ion battery packs "AIR COOLED"

NEW	Battery pack voltage V	Capacity of battery pack Ah	Order no.
	12[1)]	2,2	6.25486
	14,4[2)]	2,2	6.25482
	18[3)]	2,2	6.25484

[1)] at maximum voltage, nominal voltage 10,8 Volts
[2)] at nominal voltage, maximum voltage 16 Volts
[3)] at nominal voltage, maximum voltage 20 Volts

NiCd battery pack for Bh EA 14 S- R+L

	Battery pack voltage V	Capacity of battery pack Ah	Order no.
	14,4	4	6.31727

Adapter for old Metabo chargers

		Order no.
	For using old battery packs (from 1981 on) in the new "AIR COOLED" chargers, as well as for using "AIR COOLED" batteries in old chargers	6.27075

Carry case

	Order no.
Carry case BS/BSP/SBP for BSP 12 Plus, BSP 15,6 Plus and chargers AC 30, C 45 for SBP 12 Plus and chargers AC 30, C 45	6.25440
Carry case SBT/BSP/SBP for BSP 12 Plus, BSP 15,6 Plus, BSP 18 Plus and chargers ACS 15, AC 30, ICS 10, C 45 for SBP 12 Plus, SBP 18 Plus and chargers ACS 15, AC 30, ICS 10, C 45	6.25441
Metabox II for cordless tools for BS 9.6 , BST 9.6 , BS 9.6 Impuls, BST 9.6 Impuls, BS 12 Impuls, BST 12 Plus, BS 15.6 Plus, BST 15.6 Plus, BS 18 Plus, SB 12 Plus, SB 15.6 Plus for BST range 9.6-18 V, BS range 9.6-18V, SBT 9.6-18 V and chargers C 45, ACS 15 Not suitable for BSZ range! Dimensions: 395 x 295 x 157,5 mm	6.24634